

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	"4435751".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 09:45
L2	0	1 and accelerometer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 07:31
L3	1900046	"3" and speed	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 07:32
L4	0	1 and speed	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 07:32
L5	312	vibra\$5 adj acceleromet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 10:07
L6	238642	analog adj2 digital	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 07:37
L8	55	5 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 07:38
L9	1820	vibra\$5 near2 acceleromet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 08:37
L10	35	6 same 9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 08:07
L11	22	10 not 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 08:18
L12	5	accelerom\$4 same vibra\$5 same phase same amplitude same 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 08:22

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L13	41	(accelerom\$4 same vibra\$5) and (phase same amplitude) same 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 08:23
L14	36	13 not 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 08:23
L15	1	("6035257").URPN.	USPAT	OR	ON	2006/03/20 08:32
L16	20	("3283260" "3600699" "3895343" "4068210" "4184144" "4186281" "4227158" "4612517" "4616352" "4654836" "4670863" "4751687" "4782446" "4823326" "5128633" "5347494" "5410517" "5610558" "5719821").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 08:37
L17	3	9 same antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 08:40
L18	10	9 same ((radio adj frequency) or (RF))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 10:15
L19	305	9 and (amplitude same phase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 08:46
L20	52	quadrature and 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 08:46
L21	4	inphase and 20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 08:46
L22	10	("3682003" "3974699" "4328591" "4410764" "4654663" "4899587" "5056366" "5097218" "5193391" "Re32931").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 08:52
L23	10	("5893054").URPN.	USPAT	OR	ON	2006/03/20 09:06
L24	1	"5187719".pn.	USPAT	OR	ON	2006/03/20 10:06
L25	5	gsm and 9	USPAT	OR	ON	2006/03/20 09:08

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L26	210	9 and ((radio adj frequency) or (RF))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 09:12
L27	127	6 and 26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 09:12
L28	127	27 not 18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 09:13
L29	0	"4435751".pn. and sensors	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 09:45
L30	2	"4435751".pn. and sensors	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 09:50
L31	2	vibrat\$5 and 1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 10:04
L32	0	antenna near4 5	USPAT	OR	ON	2006/03/20 10:07
L33	0	antenna same 5	USPAT	OR	ON	2006/03/20 10:07
L34	0	(vibra\$5 adj acceleromet\$4) same antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 10:43
L35	0	9 same (intermediate adj frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 10:18
L36	1	hilbert same 9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 10:19
L37	18	hilbert and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 10:28
L38	15	phase and 37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 10:28

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L39	959	(acceleromet\$4) same antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 10:43
L40	68	39 same vibrat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/20 10:43
L41	6	("4931803" "4959531" "5109349" "5165414" "5168673" "5202776").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 10:50
L42	6	("5623270").URPN.	USPAT	OR	ON	2006/03/20 10:51

US-PAT-NO: 6262550

DOCUMENT-IDENTIFIER: US 6262550 B1

TITLE: Electrical motor monitoring system and method

Detailed Description Text - DETX (15):

Vibration--Accelerometers 28 are typical vibration sensors used to obtain data regarding the vibratory state of a motor. An exemplary accelerometer is an integrated circuit, piezoelectric (ICP) accelerometer with built-in FET (field effect transistor). Conventional amplifiers and A/D (**analog to digital**) converters automatically convert sensor signals to digital acceleration data. These vibration signals may be frequency dependent, and sense motor vibrations from 0 to 30 kHz, for example. New and historical vibration data is stored in the database and available at the monitoring units.